HW

JUL 0 9 2004 SMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) RD29532-3 In Re Application Of: Webb et al. Examiner Serial No. Filing Date **Group Art Unit** 10/627,394 07/25/2003 **NYA** 1625 Title: METHOD FOR PRODUCING BISPHENOL CATALYSTS AND BISPHENOLS Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 37 CFR 1.97(b) 1. 

The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 37 CFR 1.97(c) 2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: ☐ the statement specified in 37 CFR 1.97(e); OR ☐ the fee set forth in 37 CFR 1.17(p).

11	OSURE STATEMENT 7(c))	Docket No. RD29532-3					
In Re Application: \(\)	Vebb et al.						
Serial No.	Filing Date	Examiner	Group Art Unit				
10/627,394	07/25/2003	NYA 1625					
METHOD FOR PRODUCING BISPHENOL CATALYSTS AND BISPHENOLS							
	•	ment of Fee ects to pay the fee set forth in 37 CFR 1.1	7(p))				
□ A check in the amount of is attached.  □ The Director is hereby authorized to charge and credit Deposit Account No. 06-1130  as described below. □ Charge the amount of □ Credit any overpayment. □ Charge any additional fee required.  Certificate of Transmission by Facsimile*  Certificate of Mailing by First Class Mail  □ certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:  □ Comparison of the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  Signature  Signature of Person Mailing Correspondence Barbara Davidson							
	lame of Person Signing Certificate	Typed or Printed Name of Person	n Mailing Certificate				
*This certificate may only be used if paying by deposit account.  David E. Rodrigues  Registration No. 50,604  Customer No. 23413 (860) 286-2929							
cc:							

RD29532-3

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	JIMMY LYNN WEBB ET AL.	) ) Group Art Unit: 1625
Serial No.:	10/627,394	) )
Filed:	25 July 2003	) ) ) Before the Examiner: NYA
	THOD FOR PRODUCING BISPHENOL ALYSTS AND BISPHENOLS	)

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 AND 1.98

)

Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

CANTOR COLBURN LLP

By:

Registration No. 50,604

Date:

July 7, 2004

Customer No.: 23413

Telephone:

(860) 286-2929

### JUL 0 9 2004

PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT **LIST OF ITEMS** 

Attorney's Docket Number RD29532-3

Serial Number 10/627394

Name of Applicant Webb et al.

Filing Date

Group 1625

(Use several sheets if necessary)

07/25/2003 **U.S. PATENT DOCUMENTS** Filing Date
If Appropriate Examiner Document Number NAME Class Subclass Date Initial 2,607,776 08/19/1952 Vinton 2,667,489 01/26/1954 Fincke 2,775,620 12/25/1956 Williamson 04/22/1958 2,831,799 Coouradt et al. 3,037,052 05/29/1962 Bortnick et al. 3,049,568 08/14/1962 Apel et al. 3,153,001 10/13/1964 Apel et al. 3,172,916 03/09/1965 Wagner et al. 3,198,847 08/03/1965 Lanning 3,242,219 03/22/1966 Farnham et al. 3,367,979 02/06/1968 Harper et al. 3,394,089 07/23/1968 McNutt et al. 3,634,341 01/11/1972 Gammill et al. 3,639,663 02/01/1972 Ayad et al. 3,651,080 03/21/1972 Doebel et al. 3,760,006 09/18/1973 Gammill et al. 4,036,974 07/19/1977 Walker et al. 4,045,379 08/30/1977 Kwantes et al. 09/27/1977 4,051,079 Melby 10/11/1977 McClure et al. 4,053,522 4,059,705 11/22/1977 Walker 4,122,048 10/24/1978 Buchwalder et al. 4,123,542 10/31/1978 Walker 4,126,618 11/21/1978 Winter et al. **EXAMINER DATE CONSIDERED** 

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

### PTO-1449 Attorney's Docket Number RD29532-3 10/627394 INFORMATION DISCLOSURE STATEMENT BY APPLICANT LIST OF ITEMS (Use several sheets if necessary) Attorney's Docket Number RD29532-3 10/627394 Name of Applicant Webb et al. Filing Date Group 1625

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		115	PATENT	DOC	HIM	FNTS	:

Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
-	4,177,350	12/04/1979	Zirngibl et al.			
	4,191,843	3/4/1980	Kwantes et al.			
· _ · · _ · · ·	4,239,919	12/16/1980	Hairston			
	4,294,995	10/13/1981	Faler et al.			
	4,308,404	12/29/1981	Kwantes et al.			
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	4,315,023	02/09/1982	Partyka et al.			
	4,346,247	08/24/1982	Faler et al.			
	4,365,099	12/21/1982	Faler et al.			
	4,369,293	01/18/1983	Heydenreich et al.			
	4,391,997	07/05/1983	Mendiratta	·		
	4,396,728	08/02/1983	Faler			
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	4,419,495	12/06/1983	Davis			
	4,423,252	12/27/1983	Maki et al.		<u> </u>	
	4,424,283	01/03/1984	Faler et al.		1	
	4,439,545	03/27/1984	Aspisi et al.			
	4,448,899	05/15/1984	Hass			
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	4,478,956	10/23/1984	Maki et al.			
	4,496,667	01/29/1985	Reichgott et al.			
	4,535,084	08/13/1985	Lombardino et al.			
	4,549,900	10/29/1985	Kramer et al.			

EXAMINER DATE CONSIDERED

<sup>\*</sup> **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

## PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT LIST OF ITEMS (Use several sheets if necessary) Attorney's Docket Number RD29532-3 Attorney's Docket Number RD29532-3 Name of Applicant Webb et al. Filing Date 07/25/2003 Group 1625

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Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
	4,579,857	04/01/1986	Sherlock			
<del>.</del> -	4,579,862	04/01/1986	Manley et al.			· · · · · · · ·
	4,584,383	04/22/1986	Parhi			
	4,584,416	04/22/1986	Pressman et al.			,
<del></del>	4,590,303	05/20/1986	Mendiratta			
	4,595,704	06/17/1986	Fazio			<del></del>
	4,822,923	04/18/1989	Li			
	4,825,010	04/25/1989	Li			
<del></del>	4,826,849	05/02/1989	Heinemann et al.			
	4,859,803	08/22/1989	Shaw		***	
	5,100,460	03/31/1992	Desbordes et al.			
	5,141,966	08/25/1992	Porath			
	5,212,206	05/18/1993	Rudolph et al.			
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	5,296,609	03/22/1994	McCort et al.			
	5,414,152	05/09/1995	Cipullo			
	5,436,344	07/25/1995	Quallich			
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# PTO-1449 Attorney's Docket Number RD29532-3 10/627394 INFORMATION DISCLOSURE STATEMENT BY APPLICANT LIST OF ITEMS (Use several sheets if necessary) Attorney's Docket Number RD29532-3 10/627394 Name of Applicant Webb et al. Filing Date Group 07/25/2003 1625

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	5,914,431	06/22/1999	Fennhoff			
	5,929,249	07/27/1999	Hill et al.			
	5,939,494	08/17/1999	Wehmeyer et al.			
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	6,020,385	02/01/2000	Halle et al.			
<u> </u>	6,114,539	09/05/2000	Jautelat et al.			
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	US 6,288,284 B1	09/11/2001	Eek et al.			
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### Serial Number Attorney's Docket Number PTO-1449 RD29532-3 10/627394 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Name of Applicant Webb et al. LIST OF ITEMS Filing Date Group (Use several sheets if necessary) 07/25/2003 1625 **FOREIGN PATENT DOCUMENTS** TRANSLATION YES NO Examiner Document Number Date COUNTRY Class Subclass Initial EP 0 552 518 B1 13.09.95 NO European EP 1 371 623 A1 17.12.03 NO European YES WO 01/49640 12.07.01 International NO WO 97/08122 06.03.97 International EP 0 171 758 B1 08.08.85 NO European EP 1 160 229 A1 05.12.01 NO European EP 0 567 107 A1 22.04.93 European NO EP 0 421 210 A2 22.09.90 European NO NO EP 0 268 318 A1 29.10.87 European NO EP 0 243 546 A1 01.05.86 European OTHER INFORMATION (including author, title, date, pertinent) Patent Abstracts of Japan: Japanese Publication Number 2000-128819 Dated 09.05.2000 Patent Abstracts of Japan: Japanese Publication Number 2000-281608 Dated 10.10.2000 Patent Abstracts of Japan: Japanese Publication Number 2001-286770 Dated 16.10.2001 Patent Abstracts of Japan: Japanese Publication Number 2001-288132 Dated 16.10.2001 Patent Abstracts of Japan: Japanese Publication Number 2002-226417 Dated 14.08.2002 Patent Abstracts of Japan: Japanese Publication Number 2002-255880 Dated 11.09.2002 Patent Abstracts of Japan: Japanese Publication Number 2003-055286 Dated 26.02.2003 Patent Abstracts of Japan: Japanese Publication Number 2003-190805 Dated 08.07.2003 Patent Abstracts of Japan: Japanese Publication Number 2003-226661 Dated 12.08.2003 Patent Abstracts of Japan: Japanese Publication Number 2003-246760 Dated 02.09.2003 Patent Abstracts of Japan: Japanese Publication Number 08-038910 Dated 13.02.1996 Patent Abstracts of Japan: Japanese Publication Number 08-325185 Dated 10.12.1996 Patent Abstracts of Japan: Japanese Publication Number 05-294875 Dated 09.11.1993 Patent Abstracts of Japan: Japanese Publication Number 05-294876 Dated 09.11.1993 Patent Abstracts of Japan: Japanese Publication Number 05-271132 Dated 19.10.1993 **EXAMINER DATE CONSIDERED** \* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance

and not considered. Include copy of this form with next communication to applicant.

PTO-1449		Attorney's Docket No RD29532-3	umber	Serial Number 10/627394		
INFORMAT	ION DISCLOSURE STATEMENT BY APPLICANT LIST OF ITEMS	Name of Applicant Webb et al. Filing Date				
	(Use several sheets if necessary)			Group 1625		
	OTHER INFORMATION (included)	ling author, title, date, p	ertinent)			
	Patent Abstracts of Japan: Japanese Publicati	on Number 10-31459	5 Dated	1 02.12.1998		
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	Patent Abstracts of Japan: Japanese Publicati	on Number 11-12435	1 Dated	111.05.1999		
	Patent Abstracts of Japan: Japanese Publicati	on Number 11-17921	0 Dated	106.07.1999		
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	Patent Abstracts of Japan: Japanese Publication Number 10-314595 Dated 02.12.98					
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	EP 0249102 A3; Publication Date 1987-12-16 (DE 3619450) Abstract Only					
	FR 2685323; Publication Date 1993-06-25 Abstract Only					
	FR 2685221 Publication Date 1993-06-25 Abs	tract Only				
	EP 0166696 Publication Date 1986-01-02 Eng	lish Abstract (non-tra	nslated	patent included)		
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<sup>\*</sup> **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

	PTO-1449	Attorney's Docket Number RD29532-3	Serial Number 10/627394		
INFORMATI	ION DISCLOSURE STATEMENT BY APPLICANT LIST OF ITEMS	Name of Applicant Webb et al.			
	(Use several sheets if necessary)	Filing Date 07/25/2003	Group 1625		
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	DE 19834951 Publication Date 1999-02-11 Er	nglish Abstract (non-translate	d patent included)		
	Chemical Abstract No. XP002195035 abstract	t for JP 08 325185 A (10 Dec	ember 1996)		
	Chemical Abstract No. XP002262268 abstract				
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	Chemical Abstract No. XP002132228 (19 Nov	,			
	Chemical Abstract No. XP002271236 abstract addition of thiols to different vinyl derivatives o KHIM. TEKHNOL. ORG. SOEDIN. SERY SER	f some imidazolethiones" TE	ZISY DOK. NAUCHN. SESS.		
	Chemical Abstract No. XP002262269 abstract reduction of organosulfur heterocycles with trib AND THE RELATED ELEMENTS (1996)	t for "Polydentate SNXM (X=: outyltin hydride" PHOSPHOR	S,O,N) ligands by selective LUS, SULFUR AND SILICON		
	Chemical Abstract No. XP002271237 abstract mercaptobenzoxazole and mercaptobenzimida benzimidazolyl vinyl sulfide" IZVESTIYA AKAD	azole. İl. Reactions for 2-ben DEMII NAUK SSSR, SERIYA	zoxazolyl vinyl sulfide and 2- KHIMICHESKAYA (1969)		
	Chemical Abstract No. XP002271238 abstract thiolation reaction" KHIMIYA GETEROTSIKLION	CHESKIKH SOEDINENII (19	75)		
	Chemical Abstract, Vol. 66, no.13, 27 March 1967, No. XP002132227 abstract for "Syntheses based on 2 benzothiazolyl vinyl sulfide" ZHURNAL ORGANICESKOI KHIMII (1966)				
	Chemical Abstract No. XP002271239 abstract MBT), the main metabolite of 2-(thiocyanomet ARCHIVES OF TOXICOLOGY (1996)				
	Chemical Abstract No. XP002271240 abstract diphenylimidazole –2- thione" KHIMIYA GETE				
	Chemical Abstract No. XP002271241 abstract imidazolyl)methyl]amino-thioether-thiols" INOF				
	Sellmann et al. "Transition metal complexes w thiolate donors in electron rich iron, ruthenium (L=CO, PPh <sub>3</sub> , DMSO) (pyN <sub>2</sub> H <sub>2</sub> S <sub>2</sub> <sup>2-</sup> =2,6-Bis(2-r Bis(2-mercaptophenylthio)dimethylpyridine(2-)	vith sulfur ligands. 136. <sup>1</sup> enfor , and nickel [M(L)(pyN <sub>2</sub> H <sub>2</sub> S <sub>2</sub> ) mercaptophenylamino)dimeth	rced trans coordination of and [M(L)(pyS <sub>4</sub> )] complexes hylpyridine(2-); pyS <sub>4</sub> <sup>2</sup> -= 2,6-		
	Nekola et al. "Thiofunctional Vanadium Compl		1, 2379-2384		
	International Search Report for PCT/US 03/06	435 filing date 03/03/2003			
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	Initial if reference considered, whether or not citation is in coered. Include copy of this form with next communication to		ine through citation if not conformance		